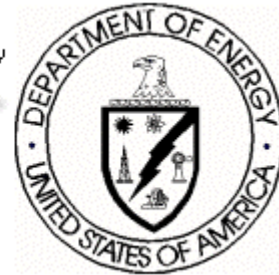


Future Directions of the US International Nuclear Safety Center



Operated by Argonne National Laboratory for the U.S. Department of Energy

**International Nuclear
Safety Center**



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Fifth International Information Exchange Forum

16 October 2000

Obninsk, Russia



International Nuclear Safety Center

Goals

- Promote the open exchange of nuclear safety Information
- Cooperate in the development of technologies associated with nuclear safety in nuclear power engineering
- Be international Centers for the collection of important information for safety and technical improvements in nuclear power engineering.



Typical Activities

- Database Development— www.insc.anl.gov
- Technical basis for accident management
- Improvements in the fidelity of coupled neutronic/thermal hydraulic computer codes.
- Validation of computer codes for the transient analysis of accidents.
- Validation of three-dimensional structural analysis software.



International Nuclear Safety Center

Vision

- We expect the future of US International Nuclear interaction to focus on cooperation and collaboration.
- We expect this cooperation to focus on maintaining the necessary nuclear infrastructure to utilize nuclear power in a safe and proliferation resistant manner worldwide.
- We believe the nature of US nuclear cooperation will be country dependent and affected by US policy goals.



International Nuclear Safety Center

Implementation

- Promote the development of more nuclear safety center type entities in the world.
- Promote the development and/or maintenance of nuclear infrastructure through joint research and technology transfer projects. Safety issue resolution.
- Maintain and communicate nuclear safety information world wide. Continue the database
- Engage multi-lateral efforts, e.g., IAEA and NEA-CSNI.
- **The INSC is a lasting result of the INSP.**

